RXC-3000
Programming Worksheet for Siren System Control

Genave

Please complete this worksheet and submit with your order.

Clear Form   Print Form

Customer Name

Address

City	State	Zip

Contact Name

Tel	Fax	E-mail

Shipping Address

City	State	Zip

Your order reference: **Site Number or Name:**

Receive Frequency (MHz)	Valid RF Channels are: VHF = 150 to 174 MHz UHF = 450 to 490 MHz	Wide or Narrowband	CTCSS Code	DCS/DPL Code

1. Paging Control – Single-tone or Two-tone Sequential

Item No.	A Tone (Hz)	A Length (sec)	B Tone (Hz)	B Length (sec)	Function
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
Example	422.1	1.0	470.5	3.0	Steady

- Frequency in Hertz (Hz) of the activation tones.
- Tones must be between 280Hz and 4000 Hz.

- Duration in seconds the tone is on-the-air.
- Times can range from .6 sec to 25 sec.

Valid Functions
- Wail
- Steady
- Fire–W (wail)
- Fire–S (steady)
- Aux-1
- Aux-2
- Cancel
- PA-Actn

2. DTMF Control

Item No.	DTMF Activation Codes											Function
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
Example							4	1	X	1	#	2 Steady

(use the letter X to signify a "Wildcard" position where any digit will be accepted)

3. How will DTMF codes be sent?

- Manually – One digit at a time. (3 second max inter-digit)
- Automatic – Entire code sent as one uninterrupted group.
  - (.5 second inter-digit)
- Both – (3 second max inter-digit)

Valid Functions
- Wail
- Steady
- Fire–W (wail)
- Fire–S (steady)
- Aux-1
- Aux-2
- Cancel
- PA-Action

4. Relay Actions

Function	All times for Actions are in Seconds.		
	Total Run Time	Relay One Cycle **ON**	Relay One Cycle **OFF**
WAIL			
STEADY			
FIRE-W (wail)			
FIRE-S (steady)			
AUX-1			
AUX-2			

Relay 1 engages for all these Actions. It will cycle on/off for the Cycle time if any is specified.
Relay 2 engages for the total run time.
Relay 3 cycles on and off for the total run time.
Relay 4 is unassigned and can be field set for specific actions.
Relay 5 engages for PA and audio file events.

By-pass this page if you are ordering the RXC without the time clock option.

The time related fields are only for initial settings. The Triggers, Lockouts, Current Time and Daylight Saving Time can all be adjusted, enabled and disabled in the field by using the Twist-n-Touch™ control on the RXC.

5. Triggers (clock option required)

Function	Time of Day to Activate	Duration in seconds	Mon	Tue	Wed	Thu	Fri	Sat	Sun
NOON									
EVENING									
SPL-TRG1									
SPL-TRG2									
Evening example	00:00	8	x	x	x	x	x		

In the Evening example, relays 1 & 2 will engage for eight seconds at 6:00 PM every night, Monday - Friday.

6. Lockouts (clock option required)

Function	Lockout FROM	Lockout TO
WAIL		
STEADY		
FIRE-W (wail)		
FIRE-S (steady)		
PA-ACTN		
AUX-1		
AUX-2		
CANCEL		
Fire-W example	23:00	05:00

In above example, Fire-W actions will not be performed between the hours of 11:00 PM and 5:00 AM.

7. Initial Clock Settings (clock option required)
Time Zone

Automatic adjust for Daylight Saving Time.

8. Audio Messages / Sound (audio module option required)

Function	Name	File
WAIL		
STEADY		
FIRE-W (wail)		
FIRE-S (steady)		
PA-ACTN		
AUX-1		
AUX-2		
CANCEL		
Steady example 1		steady-siren-three-minutes-heartsafe.wav
Steady example 2		cust-voice-msg-storm-warning-take-cover.wav
Aux-1 example		cust-voice-msg-take-shelter-in-athletic-center.wav

In the first example, in addition to the relay actions, a Steady activation will also play the wav file. The sound will be sent to the audio output for connection to independent amplifiers. Heartsafe indicates the audio file was produced to ramp from zero to full volume over several seconds to prevent startling people nearby.

In the second example, customer has supplied a custom wav file which delivers a voice message with general instructions and as well as alert tones.

In the third example, when Aux-1 is activated, it delivers a customer supplied wav file which gives specific instructions to participants at a ball field. In this instance it directs them to an approved storm shelter. Depending upon the exact relay configuration of Aux-1 the RXC could also activate flashing lights or other warning devices for extra impact as it delivers the message.

Customer supplied audio files can be sent to Genave via cd, dvd or email. If emailed, they must be sent in .zip format with a clearly descriptive filename and your contact information in the body of the email. All files need to be in .wav, mono format. Optional software is available from Genave to allow messages to be changed and uploaded to the RXC's SIM (memory) card in the field, via a laptop computer.

Notes: